



SHOELACE STRUCTURE

BACKGROUND OF THE INVENTION

The present invention is related to an improved shoelace structure made up of a belt-like shoelace having two narrowed leading ends bound at both ends thereon to be led through buttonholes of a shoe body thereby wherein between both narrowed leading ends thereof are disposed a tying section to be tied up at the upper surface of the shoe body thereof and a passage section to be wound through the buttonholes of the shoe body thereby. Both the tying section and the passage section are integrally woven to form a plurality of bulge parts and narrowed parts that alternatively arranged in a sequence; whereby, the tying section and the passage section of the shoe body are respectively contacted with a tying spot and the buttonholes by the narrowed parts thereof and retained in place by the bulge parts thereof, efficiently preventing the shoelace from getting loose and detached in practical use.

Please refer to Figs. 1 to 2 inclusive. A conventional shoelace 10 includes a tying section 11 disposed at both ends respectively to be tied up at the top surface of a shoe body 20 thereby wherein a plurality of narrowed parts 111 of smaller diameter are integrally woven and alternatively arranged at the tying section 11 thereon to retain the shoelace 10 tied up into a bow after led through buttonholes 21 of the shoe body 20. Yet, the shoelace 10 is only partially stopped by the narrowed parts 111 at the tying section 11 thereof without being located at the buttonholes 21 of the shoe body 20. Thus, either in the passage of the shoelace 10 or in an active movement of a wearer like running or jumping, the shoelace 10 led through the buttonholes 21 thereof tends to slip off and get loose easily, which

can't efficiently prevent the shoelace 10 from getting detached in practical use.

SUMMARY OF THE PRESENT INVENTION

It is, therefore, the primary purpose of the present invention to provide an improved shoelace structure wherein a belt-like shoelace is provided with a tying section and a passage section disposed between two narrowed leading ends bound at both ends thereon. Both the tying section and the passage section are integrally woven to form a plurality of bulge parts and narrowed parts that are alternatively arranged in a sequence; whereby, the tying section and the passage section of the shoe body are contacted with a tying spot and the buttonholes respectively by the narrowed parts thereof and retained in place by the bulge parts thereof, efficiently preventing the shoelace from getting loose and detached in practical use.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a perspective exploded view of a conventional shoelace structure.

Fig. 2 is a diagram showing the conventional shoelace getting loose at buttonholes of a shoe body.

Fig. 3 is a perspective exploded view of the present invention.

Fig. 4 is a perspective view of the present invention in practical use.

Fig. 5 is a perspective view of another embodiment of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Please refer to Figs. 3 to 4 inclusive. The present invention is related to an improved shoelace structure, made up of a belt-like shoelace 30 having two narrowed leading ends 31 bound at both ends thereon to be led through buttonholes 21 of a shoe body 20 thereby. Between both narrowed leading ends 31 thereof are disposed a tying section 32 to be tied up at the upper surface of the shoe body 20 thereof, and a passage section 33 to be wound through the buttonholes 21 of the shoe body 20 thereby. Both the tying section 32 and the passage section 33 are integrally woven to form a plurality of bulge parts 321, 331 and narrowed parts 322, 332 which are alternatively arranged with each adjacent to others in a sequence. The bulge parts 321, 331 thereof are made either in a wide flatness, or in a protruded arc shape as shown in Fig. 5, and the narrowed parts 322, 332 are formed either in a straight flatness or a round straight column as shown in Fig. 5. In practical use, the tying section 32 and the passage section 33 of the shoe body 30 are respectively contacted with a tying spot A and the buttonholes 21 thereof by the narrowed parts 322, 332 thereof and retained in place by the bulge parts 321, 332 disposed at both adjacent sides of the narrowed parts 322, 332 thereof. Thus, the shoelace 30 is precisely tied up and located at the buttonholes 21 of the shoe body 20 and the tying spot A near a shoe opening 22, efficiently preventing the shoelace 30 from getting loose and detached easily in practical use.